



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

## ENGINEERING CHANGE REQUEST

### ECR 328

<b>Date Opened:</b> 11/17/21 11:07 AM <b>Type:</b> Tooling/DSK/GSE Drawing Change <b>Priority:</b> High <b>Status:</b> Quality Disposition <b>Reason:</b> <b>Expense:</b> 1000 <b>Target Date:</b> <b>Execution Date:</b> <b>ECR Approval No:</b>	<b>Requested By:</b> El-Khalil, Hussam <b>Responsible Engineer:</b> Fuentes, Roberto <b>Requester*:</b> El-Khalil, Hussam <b>DE Approver*:</b> Shepherd, David <b>DM:</b> Drouin, Steven <b>ECR Lead*:</b> Drouin, Steven
<b>RE (R&amp;D):</b> <b>Status Note:</b>	<b>**BRIEF DESCRIPTION**:</b> <b>AW139 - RBW6205G21631-3G M/R DAMPER ATTACHING BOLT REMOVAL MANUFACTURING DEFECT</b>  <b>DESCRIPTION/ ADR CONTENT**:</b> RBW6205G25331-3G puller assembly hub damaged the bushing on the pitch control lever assembly on the aircraft. The steel pin MS16555-320 popped out during the first use and scratched the bushing on the lever assembly. Please see attachments. The pin item (4) is press fitted as per the drawing. The MS16555-320 is 0.0937" in Dia and 1/2" in length. The drawing tolerances might be contributing to the issue. Please see attached email.

### CUSTOMER APPROVALS

Customer	Customer Visible	Customer Approval Required	*	Customer Approved
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### ATTACHMENT PAGES

Document Name	Document Note
steel dowel pin.JPG	
1.jpg	
damaged 1.jpg	
damaged 2.jpg	
RE_ RBW6205G21631-3G to Quarantine - ECR 328.msg	

### PARTS

Part No	Rev	Part Status	Name	Type	Customer Part	Special Comments	Documents
MS16555-320		Under Review	Phosphate Plated Steel Dowel Pin 3/32" Dia. X 1/2" Long	Hardware			
RBW6205G25331-3G		Under Review	Puller Assembly, Hub	Finished Good	RBW6205G25331-3G RBW6205G25331-3G RBW6205G25331-3G		RBW6205G25331-3G-RevC.pdf
RBW6205G25331-3G-1		Under Review	Puller	Sub-assembly			RBW6205G25331-3G-RevC.pdf
RBW6205G25331-3G-3		Under Review	Protector	Sub-assembly			RBW6205G25331-3G-RevC.pdf

### INVENTORY DISPOSITION

Part No Revision	Material No	Current Inventory Qty	Purchasing On-Order Qty	Qty Scheduled for Production
MS16555-320		15 *	0 *	0 *
RBW6205G25331-3G		0 *	0 *	0 *
RBW6205G25331-3G-1		8 *	0 *	0 *
RBW6205G25331-3G-3		3 *	0 *	0 *
<b>EFFECTS</b>				
<b>Effect Group</b>		<b>Effects</b>		
2. ECR Lead Assessment - Impacted Docs & Output		Drawing Change Required (RBW6205G25331-3G)		
3. ECR Lead Assessment - Status During ECR		UR - Full Under Review		
4. Production Type		In-house production		
5A. ECR Lead Assessment - MINOR Changes		Correction of drawing errors (RBW6205G25331-3g Added Note to drawing)		
9. Sustaining Cost Grouping		Poor Quality (RBW6205G25331-3G')		